

FIG. 1

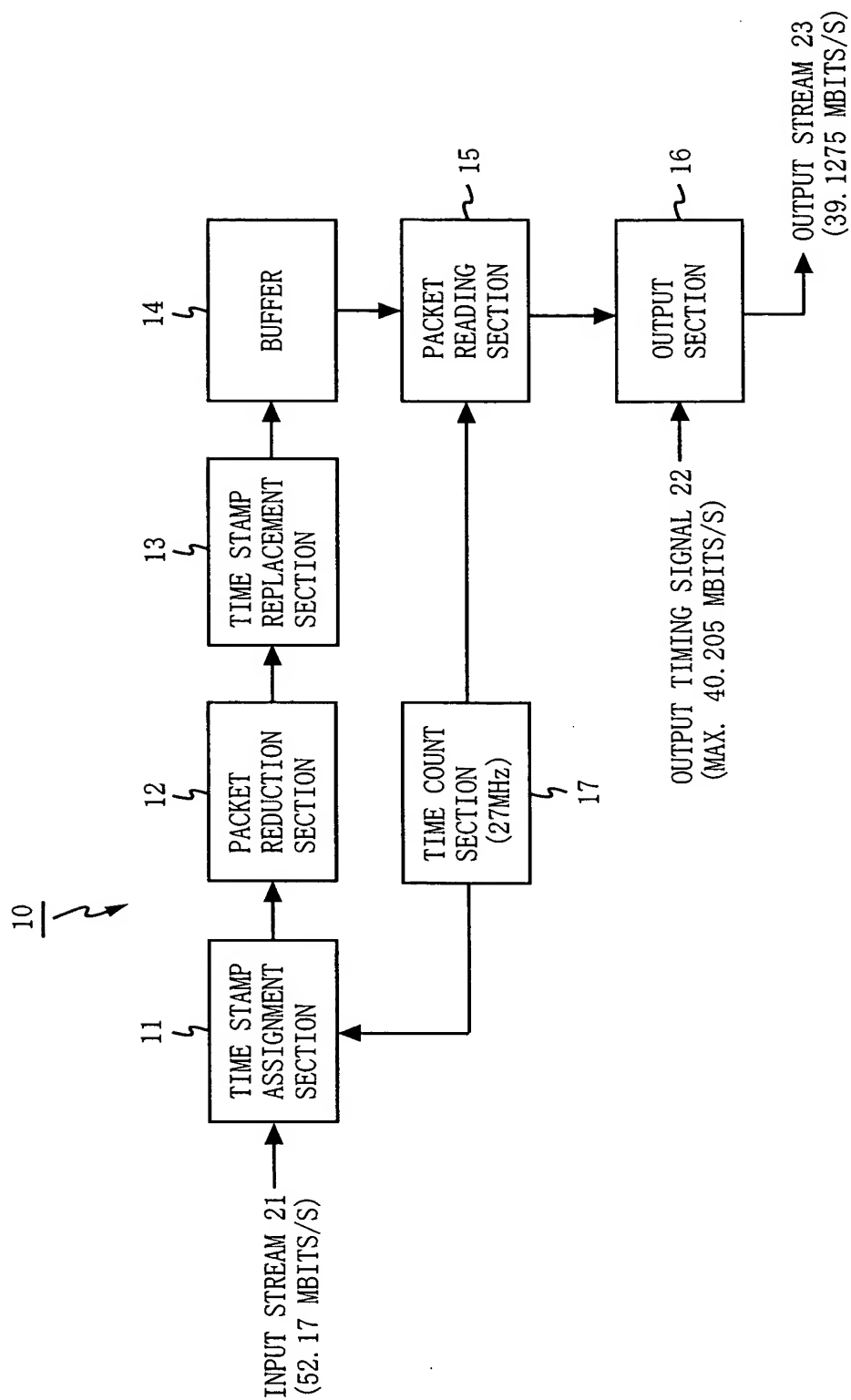


FIG. 2

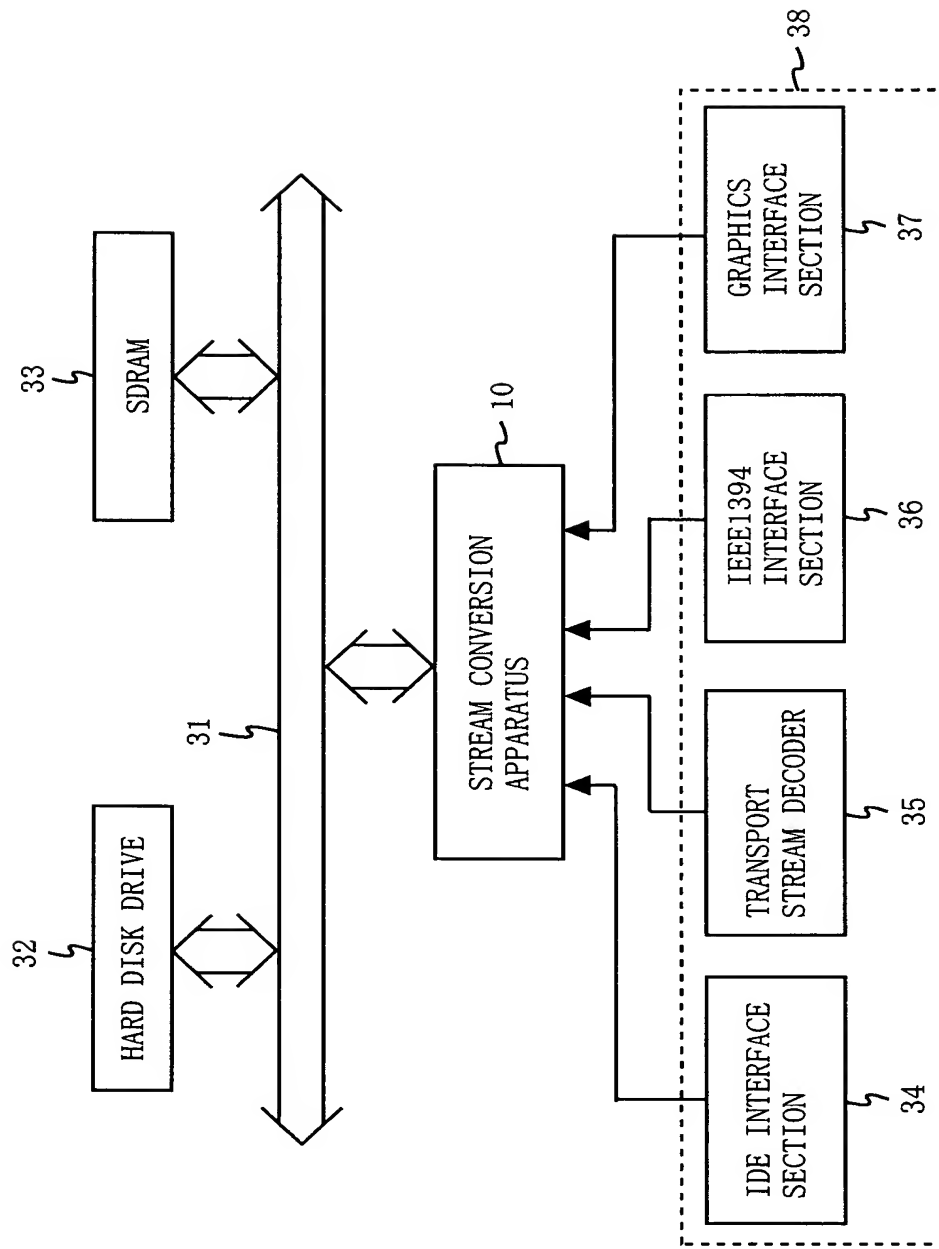


FIG. 3

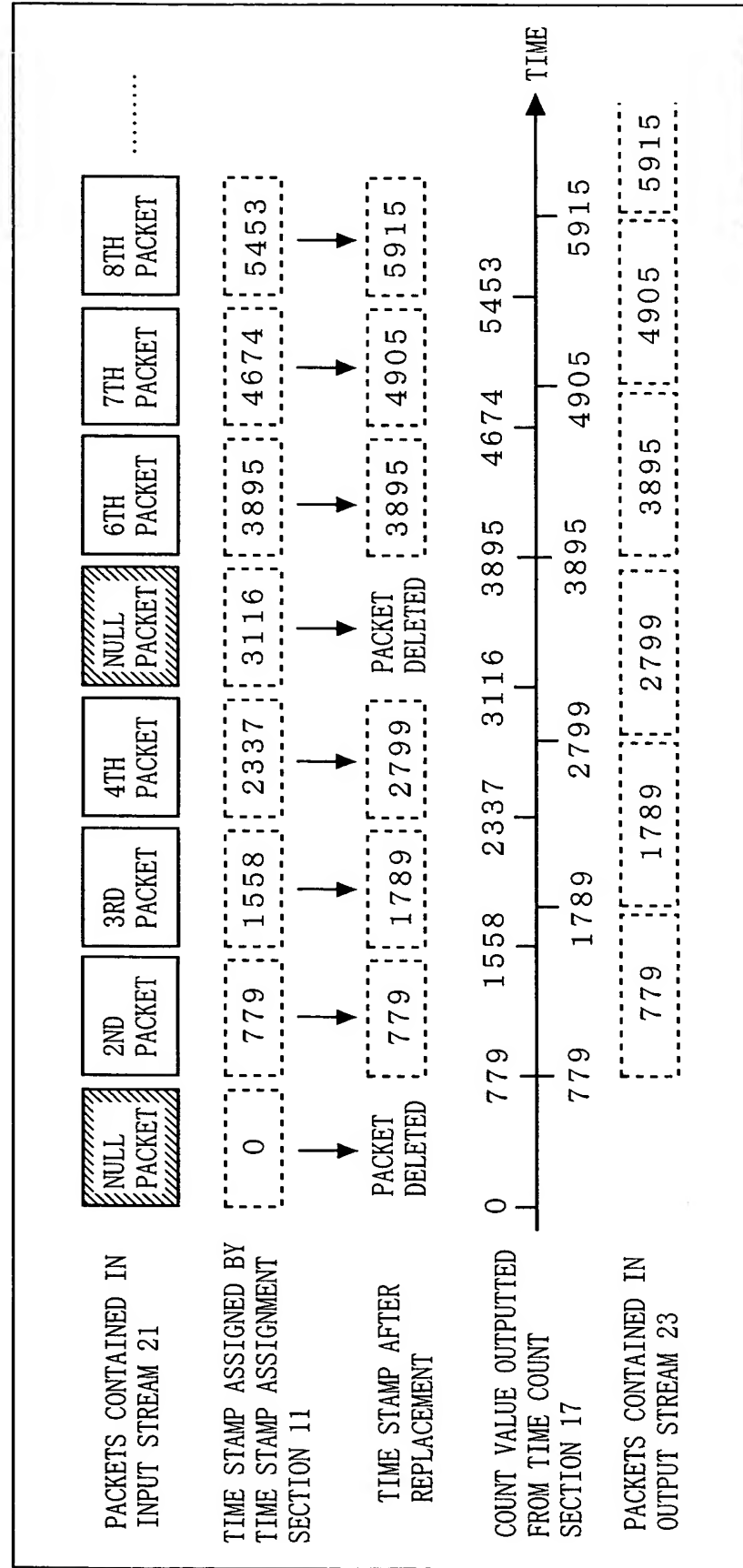


FIG. 4

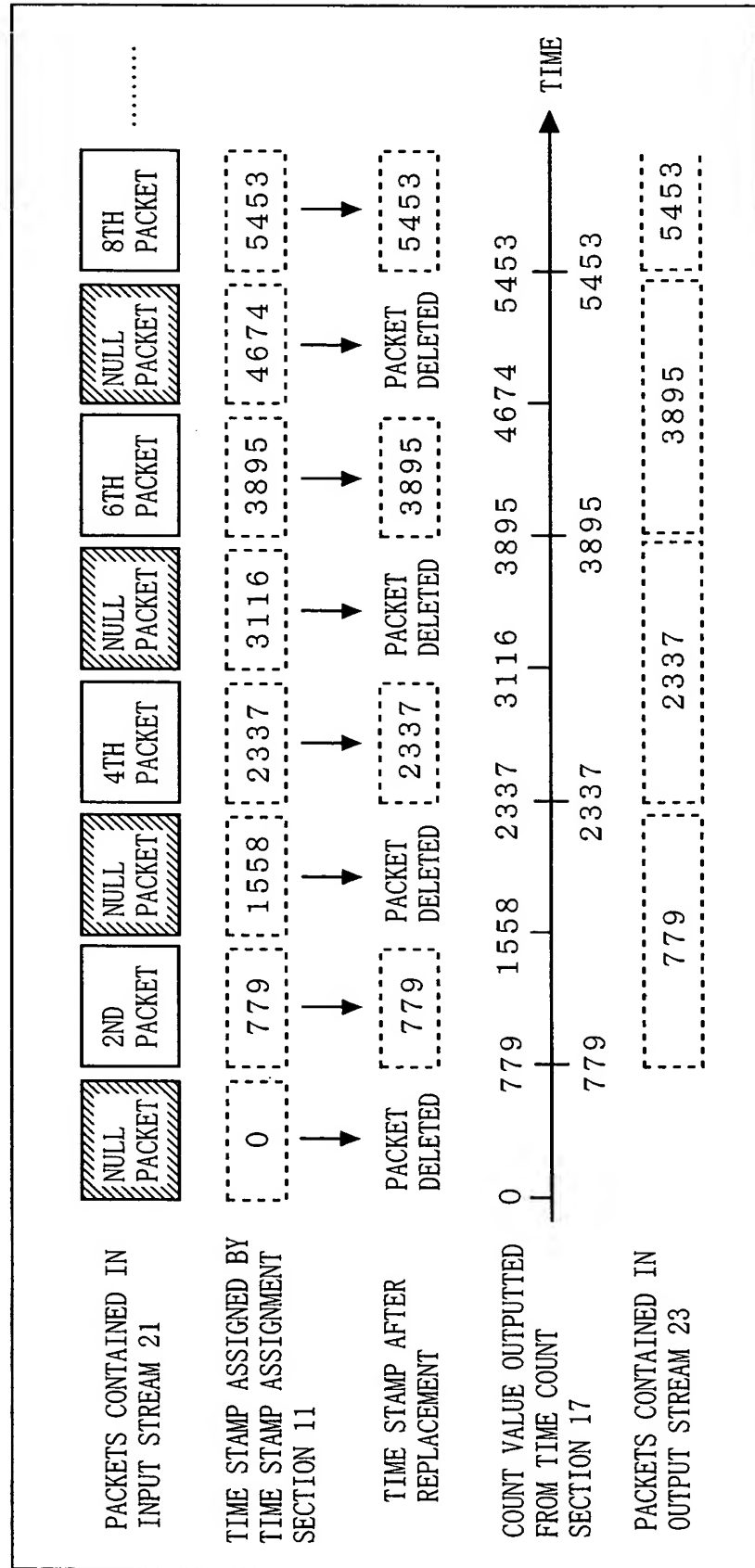


FIG. 5

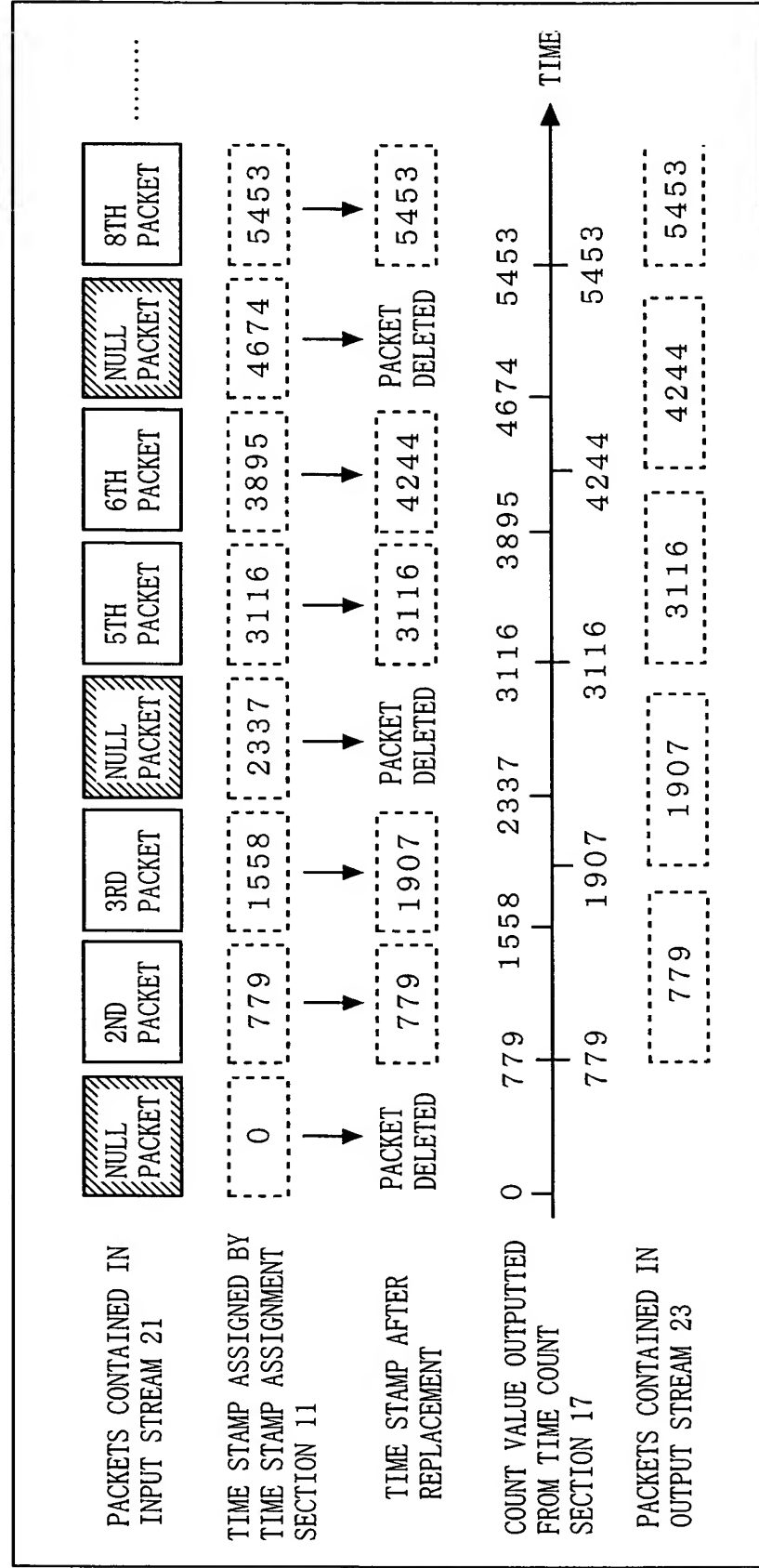


FIG. 6

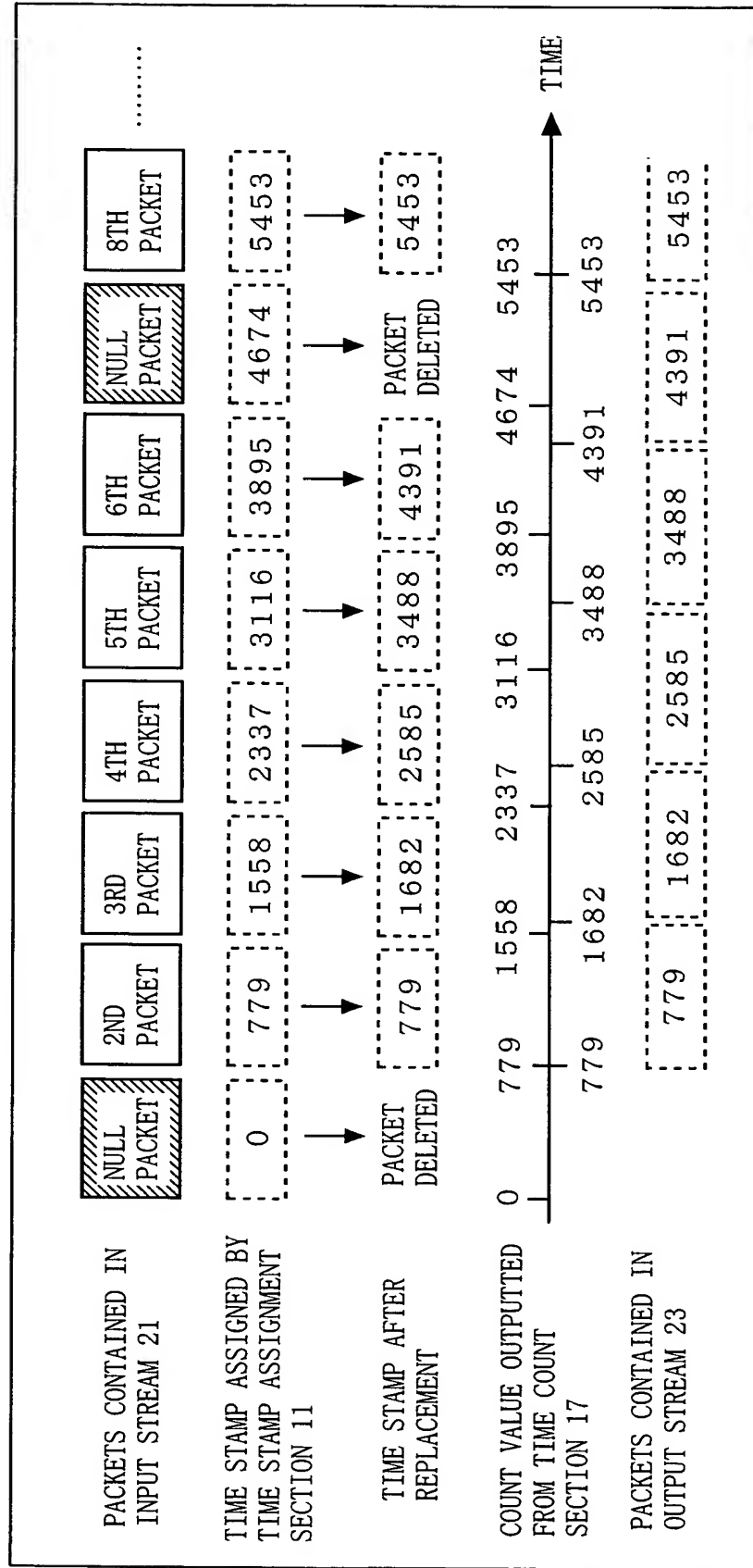


FIG. 7

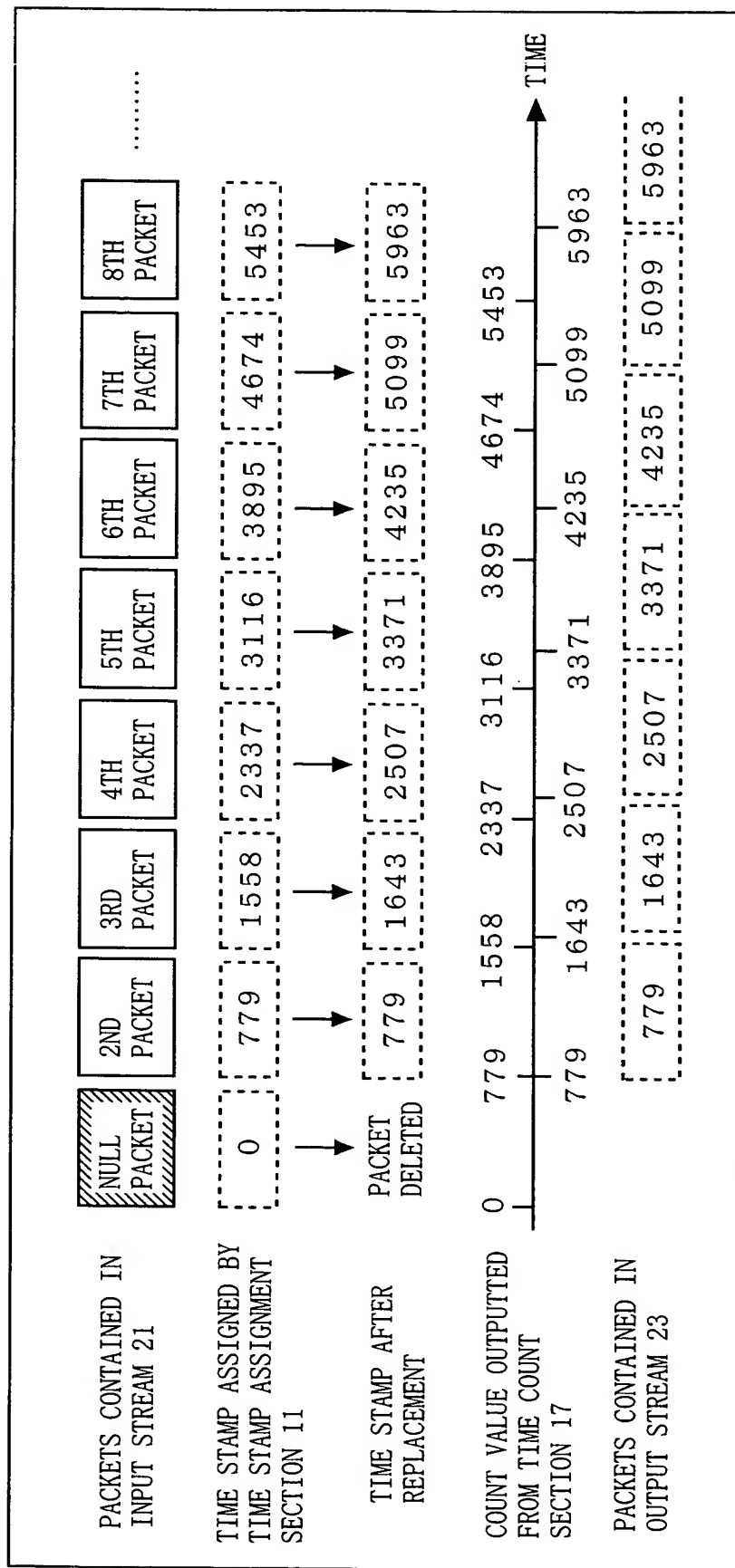


FIG. 8

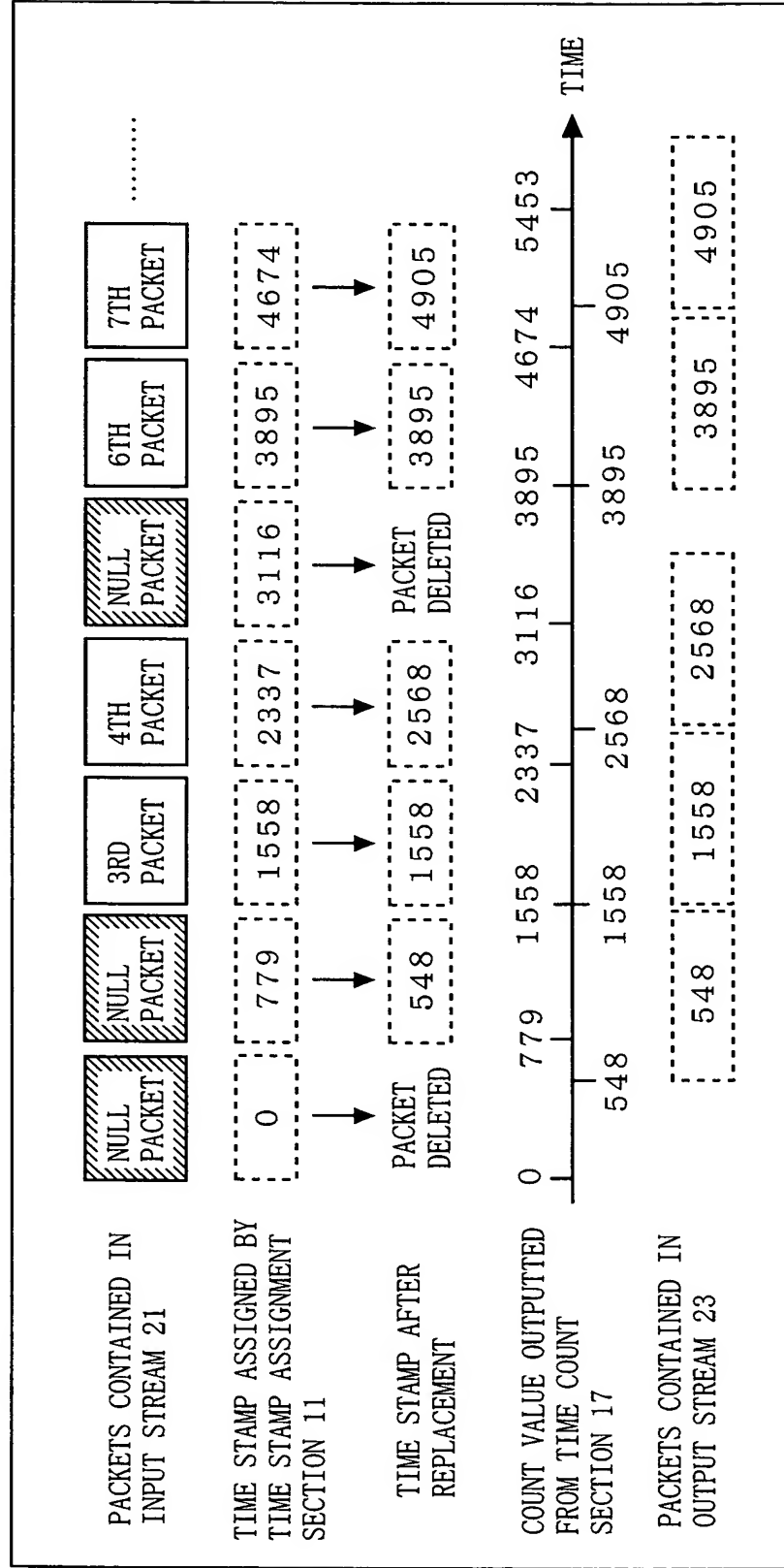


FIG. 9

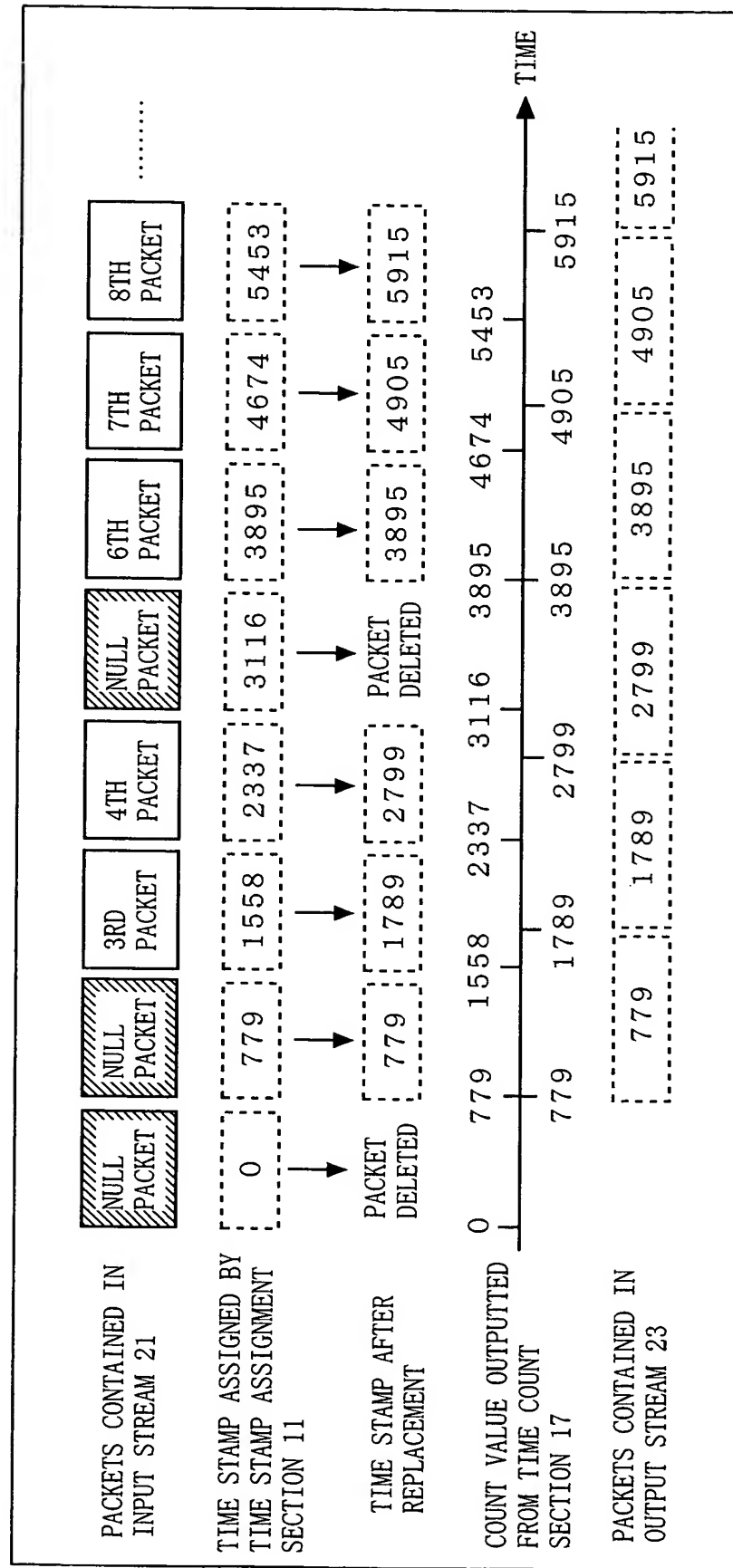
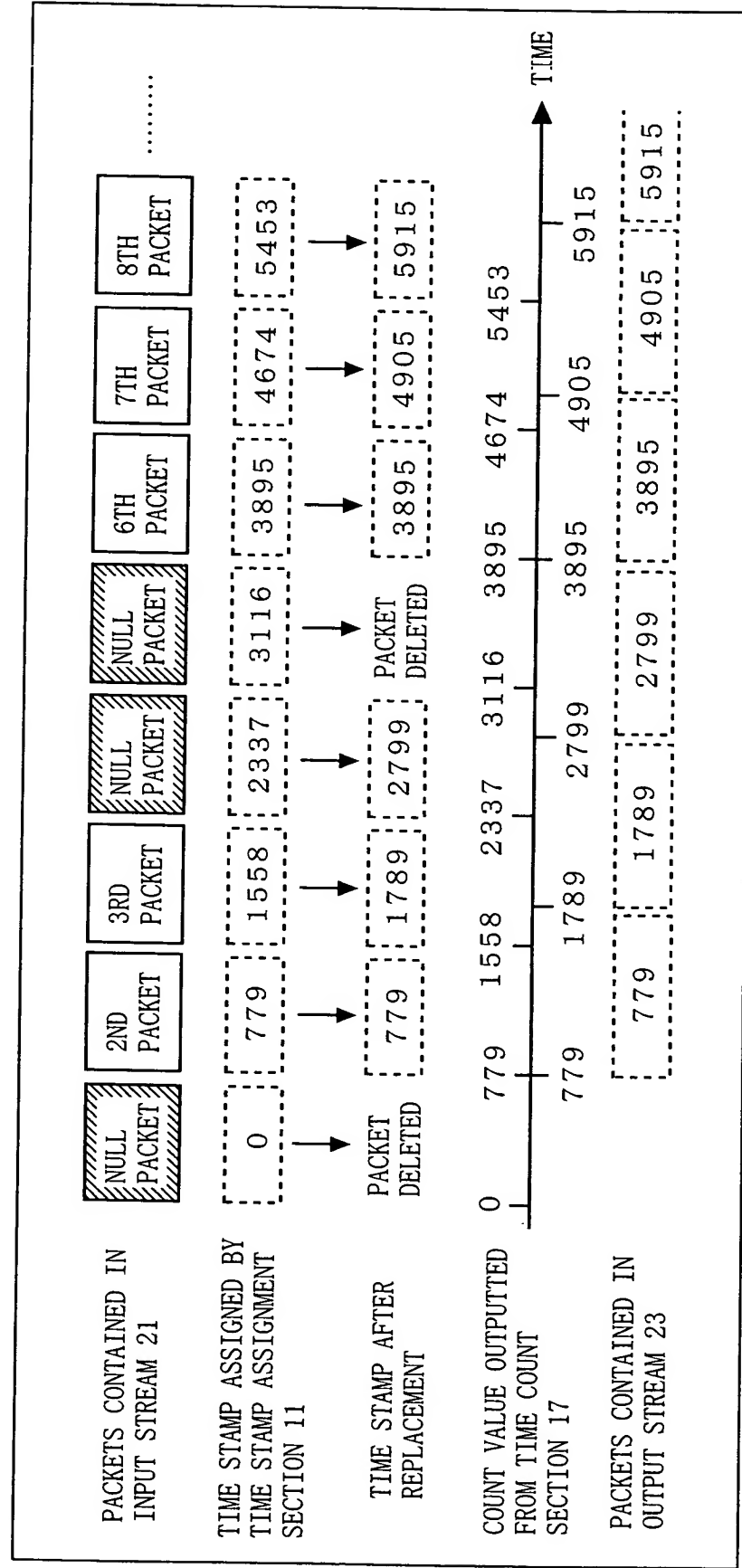


FIG. 10



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graph TD
    START([START]) --> S101[INPUT PACKET]
    S101 --> S102[TIME STAMP ← PACKET INPUT TIME]
    S102 --> S103{SYNCHRONIZED STATE?}
    S103 -- YES --> S111[I ← (I+1) % N]
    S111 --> S112{I ?}
    S112 -- I=1 --> S113{NULL PACKET?}
    S113 -- YES --> S131[DELETE PACKET]
    S131 --> S134[OUTPUT PACKET]
    S113 -- NO --> S114[SWITCH TO UNSYNCHRONIZED STATE]
    S114 --> S112
    S112 -- I=2 --> S113
    S113 -- YES --> S131
    S113 -- NO --> S115[TIME STAMP ← T + ΔTS × β]
    S115 --> S132[T ← TIME STAMP]
    S132 --> S133[TIME STAMP ← TIME STAMP + TD]
    S133 --> S134
    S112 -- OTHERWISE --> S115
    S115 --> S132
    S132 --> S133
    S133 --> S134
    S103 -- NO --> S121{NULL PACKET?}
    S121 -- YES --> S122[I ← I+1  
J ← J+1]
    S122 --> S123{J IS ODD NUMBER?}
    S123 -- YES --> S124[TIME STAMP ← Tcur - ΔTS × (β-1)]
    S124 --> S134
    S123 -- NO --> S128[TIME STAMP ← T + ΔTS × β]
    S128 --> S134
    S121 -- NO --> S125[I ← I+1  
J ← J+1]
    S125 --> S126{I ?}
    S126 -- I=2 --> S124
    S124 --> S134
    S126 -- OTHERWISE --> S127[SWITCH TO SYNCHRONIZED STATE]
    S127 --> S128
    S128 --> S134
    S134 --> END([END])

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N: LENGTH OF REPETITION PATTERN

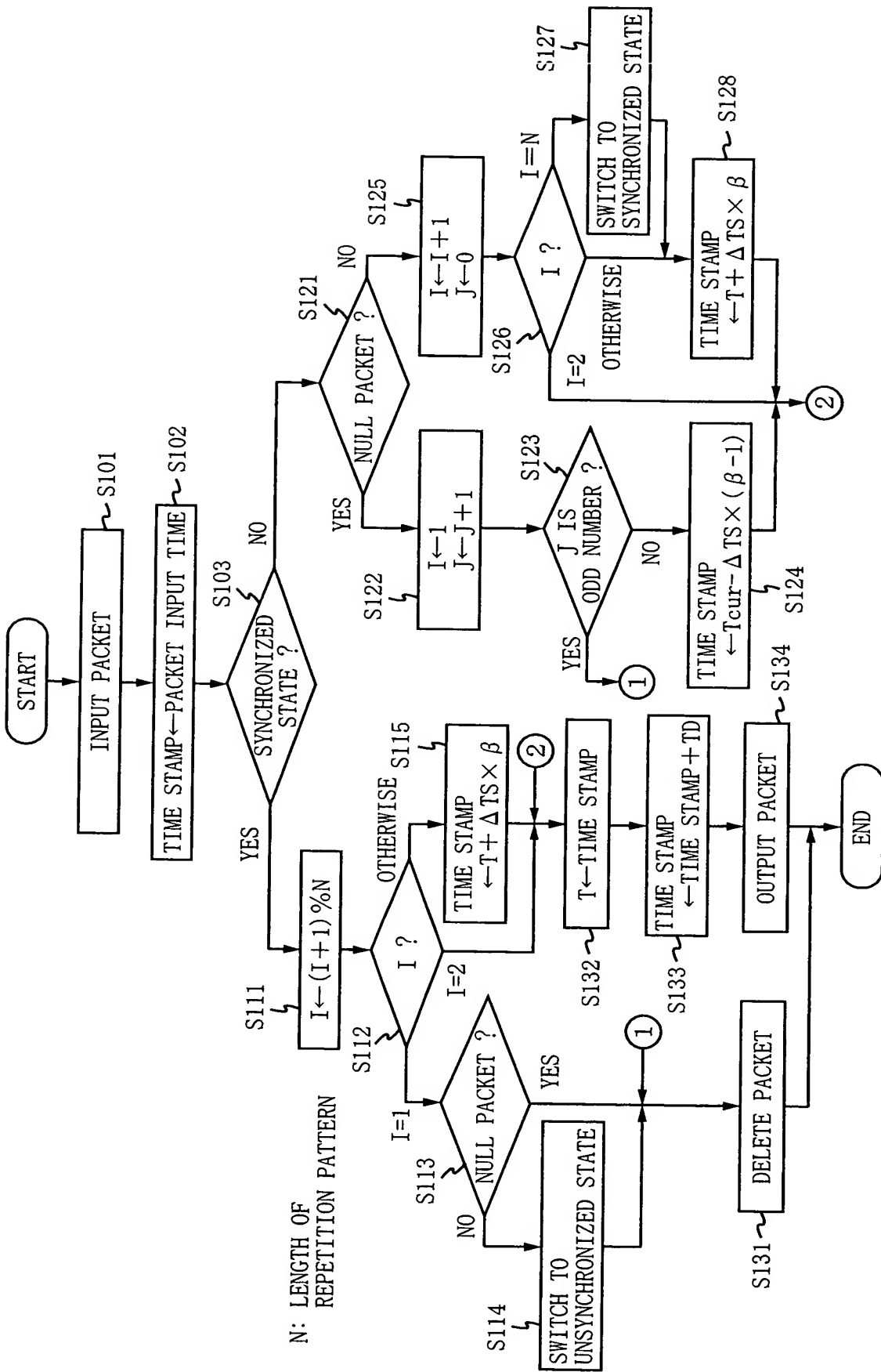


FIG. 12

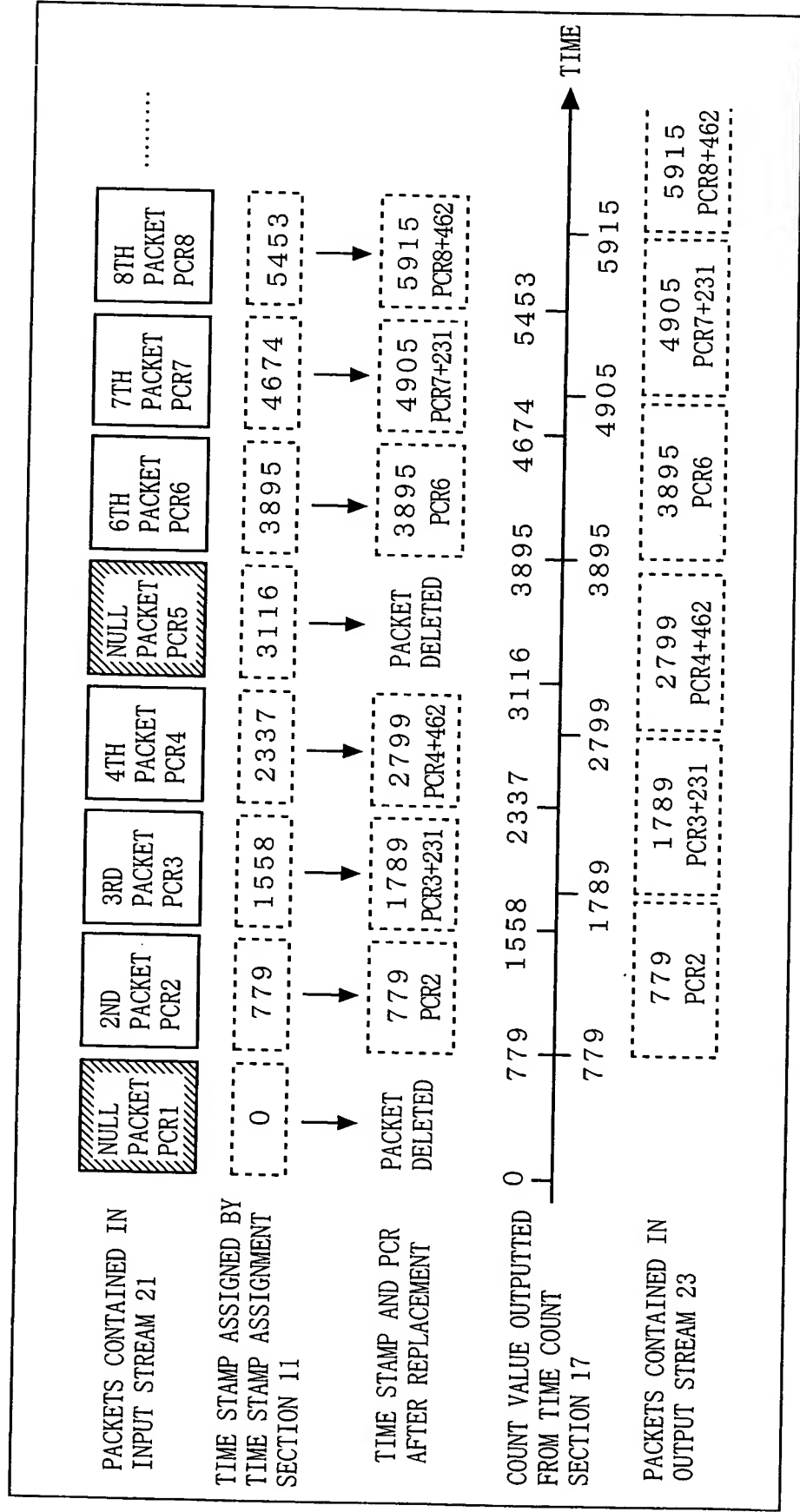


FIG. 13 PRIOR ART

